

## Certificate of Analysis

Date of Testing: 2024-09-05 15:41:02

Date of Next Testing: 2026-09-05 15:41:02

Product Name: **Poly[2-methoxy-5-(3',7'-dimethyloctyloxy)-1,4-phenylenevinylene]**

CAS Number: 177716-59-5

Specifications & Purity: light-emitting polymer

Lot #: L2214159

SKU #: **M131802**

Version: **2**

Analysis #: **407472**

Storage Temperature: Protected from light

| Parameter                             | Limit Values                       | Result                             |
|---------------------------------------|------------------------------------|------------------------------------|
| Appearance (M131802)                  | Pale Yellow to Red Fiber or Powder | Pale Yellow to Red Fiber or Powder |
| Infrared spectrum                     | Conforms to Structure              | Conforms to Structure              |
| $\lambda$ pl 551 nm and 593 nm in THF | Conforms                           | Conforms                           |
| $\lambda$ abs 501 nm in THF           | Conforms                           | Conforms                           |
| soluble in Chloroform, THF et al      | Conforms                           | Conforms                           |



John Su  
QA & QC Manager